

AMENDMENTS TO THE CLAIMS:

Replace the claims with the following rewritten listing:

1. (Currently Amended) Micro light modulator arrangement ~~(10)~~ comprising:
at least one light transmission path ~~(23)~~ and at least one controllable shutter ~~(11,16)~~
arranged for modulation of light transmitted via said at least one light transmission path
~~(23)~~;
at least a part of said light transmission path comprising a translucent modulator
substrate₁; and
said at least a part of said light transmission path being an integral part of a
substrate to which said at least one controllable shutter ~~(11,16)~~ is anchored.
2. (Currently Amended) Micro light modulator arrangement according to claim 1,
wherein said at least a part of said light transmission path comprises a part of a microlens
arrangement ~~(122)~~.
3. (Currently Amended) Micro light modulator arrangement according to claim ~~1 or~~
2, wherein said microlens arrangement ~~(122)~~ may be adapted for guiding incoming light
through the light transmission path ~~(23)~~ to said at least one controllable shutter.
4. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~
claims ~~1 to 3~~2, wherein said microlens arrangement ~~(122)~~ may be adapted for guiding
outgoing light through the light transmission path ~~(23)~~ from said at least one controllable
shutter.
5. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~
claims ~~1 to 4~~, wherein ~~the an~~ extension of said light transmission path comprises a
translucent modulator substrate of at least 100 micrometer, preferably at least 150
micrometer.

6. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 5~~, wherein the extension of said ~~at least a part of said light transmission path~~ comprises a translucent modulator substrate not in excess of 3000 micrometer, preferably not in excess of 2000 micrometer.
7. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 6~~, the extension of said ~~at least a part of said light transmission path~~ comprising a translucent modulator substrate of at least 200 micrometer, preferably at least 250 micrometer.
8. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 7~~, wherein said one light transmission path ~~(23)~~ is a part of a substrate to which the at least one controllable shutter is anchored.
9. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 8~~, said shutter being controlled by ~~means~~ electrical activation means.
10. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 9~~, said shutter comprising a mechanical blade which may be moved between at least two positions, and said blade in one of said at least two positions ~~being blocking for~~ transmission of light via said at least a part of said light transmission path ~~(23)~~.
11. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 8 to 10~~, said shutter blade ~~(16)~~ performing a sliding movement with respect the substrate forming said transmission path.
12. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 11~~, said modulator comprising at least one microlens arrangement.

13. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to 12~~, said microlens arrangement forming a light input of said modulator.

14. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to 13~~, said modulator arrangement comprising light-emitting means arranged for transmission of light to ~~the~~ an output of the modulator via ~~said~~ at least one microlens arrangement and said at least one light transmission path.

15. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to 14~~, wherein said light-emitting means comprises at least one UV light source.

16. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~14 to 15~~, wherein said light-emitting means comprises at least one laser light emitter.

17. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to 16~~, comprising at least one blade ~~(16)~~ movable between at least two positions via at least one movement path;

asaid microshutter comprising electrode means for activating movement of said at least one blade between said at least two positions and for positioning the at least one blade in one of said at least two positions; and;

said electrode means being arranged out of reach of the at least one blade and a beam in one of said at least two positions.

18. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to 17~~, wherein ~~said~~ a translucent light transmission path comprises a part of at least one microlens.

19. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to 18~~, wherein said light modulator is located on said at least one translucent

substrate and said light modulator is arranged for modulation of light through said at least one translucent substrate via said at least a part of said light transmission path ~~(23)~~.

20. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 19, wherein said substrate, forming said at least one light transmission path ~~(23)~~, forms at least one microlens.

21. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 20, wherein ~~said~~ at least one microlens is adapted to focussing light on ~~said~~ at least one micro-shutter.

22. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 21, wherein said micro light modulator comprises at least one further set of microlenses.

23. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 22, wherein said at least one further set of microlenses are arranged as at least one separate layer.

24. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 23 wherein said translucent substrate~~solid material~~ comprises fused silica.

25. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 24, wherein said translucent substrate~~solid material~~ comprises glass.

26. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 25, wherein said translucent substrate~~solid material~~ comprises polymers.

27. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~ claims ~~1 to~~ 26, wherein said micro light modulator arrangement comprises at least one

blade (SB) movable between at least two positions via at least one movement path (MP),
and

electrode means (12,13) for activating movement of said at least one blade (SB)
between said at least two positions and for positioning the at least one blade (SB) in one of
said at least two positions,

said electrode means (12,13) being arranged out of reach of the at least one blade
(SB) when the blade moves along said at least one movement path.

28. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~
claims ~~1 to 27~~, wherein said a connection portion comprises at least one beam (11),

wherein said at least one blade is established on a microshutter platform (MSP)
comprising a translucent substrate, such as a glass wafer.

29. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~
claims ~~1 to 27~~, wherein said at least two positions comprise at least one position in which
the at least one blade (SB) defines a blocking of at least one electromagnetic light
transmission path (TP).

30. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~
claims ~~1 to 27~~, wherein said ~~shutter~~ blade (SB) is anchored on a (micro) shutter platform
(MSP) by anchoring means (15);

said at least one transmission path (TP) extending through the micro shutter
platform (MSP) via said solid translucent transmission path (23); and

said at least one transmission path guiding electromagnetic light through the shutter
platform which is at least partly defined by means of a masking.

31. (Currently Amended) Micro light modulator arrangement according to ~~any of the~~
claims ~~14 to 30~~, wherein said light-emitting means is adapted for emitting visible light.

32. (Currently Amended) Micro light modulator arrangement according to ~~any of the claims 1 to 31~~, wherein the micro light modulator arrangement comprises a plurality of light modulators.

33. (Currently Amended) Sealing arrangement comprising:
a micro light modulator ~~according to any of the claims 1-32~~, comprising at least one light transmission path and at least one controllable shutter arranged for modulation of light transmitted via said at least one light transmission path, at least a part of said light transmission path comprising a translucent modulator substrate, and said at least part of said light transmission path being an integral part of a substrate to which said at least one controllable shutter is anchored;

wherein said sealing comprises said at least a part of said light transmission path ~~(122)~~.

34. (Currently Amended) Sealing arrangement according to claims 33, wherein said sealing further comprises at least one microlens arrangement ~~(121)~~.

35. (Currently Amended) Sealing arrangement according to claim 33 ~~and 34~~, wherein said sealing encloses said at least one controllable shutter ~~(11,16)~~.